

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> Form PTO-1449 (Modified) (Use several sheets if necessary)			<b>COMPLETE IF KNOWN</b>		
			Application Number:	10/613,442	
			Art Unit No.:	2817	
			Filing Date:	July 3, 2003	
			First Named Inventors:	Yongsam Moon et al.	
			Examiner:	To be assigned	
Sheet	1	of	Attorney Docket No.	59472-8086.US02	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.	U.S. Patent or Application		Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		NUMBER	Kind Code (if known)			

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.	Foreign Patent or Application			Name of Patentee or Applicant of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	NUMBER	Kind Code (if known)				

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published.	T
	A	Lee, C. Yoo, W. Kim, S. Chai, and W. Song, "A 622Mb/s CMOS Clock Recovery PLL with Time-Interleaved Phas Detector Array," in <i>IEEE ISSCC Dig. Tech. Papers</i> , Feb. 1996, pp. 198-199.	
	B	Fiedler, R. Mactaggart, J. Welch, and S. Krishnan, "A 1.0625 Gbps Transceiver with 2x-Oversampling and Transmit Signal Pre-Emphasis," in <i>IEEE ISSC Dig. Tech. Papers</i> , Feb. 1997, pp. 238-239.	
	C	R. Gu, J. M. Tran, H.-C. Lin, A.-L. Yee, and M. Izzard, "A 0.5 – 3.5Gb/s Low-Power Low-Jitter Serial Data CMOS Transceiver," in <i>IEEE ISSCC Dig. Tech. Papers</i> , Feb. 1999, pp. 352-353.	
	D	T. H. Lee, K. S. Donnelly, J. T. C. Ho, J. Zerbe, M. G. Johnson, and T. Ishikawa, "A 2.5 V CMOS Delay-Locked Loop for an 18 Mbit, 500 Megabyte/s DRAM," <i>IEEE J. Solid-State Circuits</i> , Vol. 29 (12/1994), pp. 1491-1496.	
	E	Efendovich, Y. Afek, C. Sella, and Z Bikowsky, "Multifrequency Zero-Jitter Delay-Locked Loop," <i>IEEE J. Solid-State Circuits</i> , Vol. 29, No. 1 (1/1994), pp. 26-70.	

EXAMINER  	DATE CONSIDERED  
*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).	

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Form PTO-1449 (Modified)  
(Use several sheets if necessary)

**COMPLETE IF KNOWN**

Application Number: 10/613,442  
Art Unit No.: 2817  
Filing Date: July 3, 2003  
First Named Inventors: Yongsam Moon et al.  
Examiner: To be assigned

Sheet 2 of 2 Attorney Docket No. 59472-8086.US02




**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No.	U.S. Patent or Application		Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		NUMBER	Kind Code (if known)			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Foreign Patent or Application			Name of Patentee or Applicant of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	NUMBER	Kind Code (if known)				

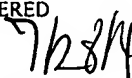
**OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published.	T
	F	S. Sidiropoulos, and M. A. Horowitz, "A Semi-Digital Dual Delay-Locked Loop," <i>IEEE J. Solid-State Circuits</i> , Vol. 32, No. 11, (11/1997), pp. 1683-1692.	
	G	Y. Moon, J. Choi, K. Lee, D.-K. Jeong, and M.-K Kim, "An All-Analog Multiphase Delay-Locked Loop Using a Replica Delay Line for Wide-Range Operation and Low-Jitter Performance," <i>IEEE J. Solid-State circuits</i> , Vol. 35, (3/2000), pp. 377-384.	
	H	Ian A. Young, J. K. Greason, and K. L. Wong, "A PLL Clock generator with 5 to 100 MHz of Lock Range for Microprocessors", <i>IEEE Journal of Solid-State Circuits</i> , Vol. SC-27, (11/1992), pp. 1599-1607.	

EXAMINER



DATE CONSIDERED



\*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).